

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in this application.

1. (Currently Amended) A high speed solid state imaging device comprising:

a plurality of two-dimensionally arrayed light receiving pixels which generate electrical charges according to the incident light;

at least two accumulating pixels for each of the light receiving pixels for temporarily accumulating the electrical charges;

a transfer path provided for each of a set of the accumulating pixels corresponding to a light receiving pixel for transferring the electrical charges temporarily accumulated in the accumulating pixels;

~~a cover glass for covering the light receiving pixels and the accumulating pixels;~~

~~a light shield placed under the cover glass for shutting off light entering the accumulating pixels and~~ the transfer paths and having an aperture at each of the light receiving pixels; and

~~an opaque cover having a low reflectivity and laid over the light shield and beneath the cover glass with an aperture at each of the light receiving pixels, wherein the opaque cover extends into the aperture of the light shield and forms an eave on the edge of the aperture of the light shield so that a reflection from the cover glass is reduced.~~

2. (Original) The solid state imaging device according to claim 1, wherein the opaque cover further has a low transmissivity with respect to the incident light.

3. (Original) The solid state imaging device according to claim 1, wherein a protective layer is laid between the light shield and the opaque cover.

4. (Cancelled)

5. (Original) The solid state imaging device according to claim 1, wherein the solid state imaging device is an FT-type CCD.

6. (Original) The solid state imaging device according to claim 1, wherein the solid state imaging device is an IT-type CCD.

7. (Original) The solid state imaging device according to claim 1, wherein the solid state imaging device is an FIT-type CCD.

8. (Original) The solid state imaging device according to claim 5, wherein the opaque cover is made of the same material as that used in black layer for the filter array of a normal CCD.

9. (Original) The solid state imaging device according to claim 6, wherein the opaque cover is made of the same material as that used in the black layer for the filter array of a normal CCD.

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10. (Original) The solid state imaging device according to claim 7, wherein the opaque cover is made of the same material as that used in the black layer for the filter array of a normal CCD.